

59639-99

5/9/2014

1/6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

May 9, 2014

Linda Obrestad
Valent USA Corporation
1600 Riviera Ave., Suite 200
Walnut Creek, CA 94596-8025

Subject: Notification per PR Notice 98-10 (change potato chemigation
Supplemental label title)
Valor Herbicide
EPA Reg. No. 59639-99
Application Dated May 1, 2014

Dear Ms. Obrestad:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product. Our review of this request finds that the action falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and placed in our records.

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at ondish.mindy@epa.gov.

Sincerely,

Mindy Ondish, for

Kathryn V. Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs



United States Environmental Protection Agency Washington, DC 20460

Registration
Amendment
Other (checked)

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: 59639-99
2. EPA Product Manager: Ms Kay Montegue
3. Proposed Classification: None (checked), Restricted
4. Company/Product (Name): Valor Herbicide
5. Name and Address of Applicant: Valent U.S.A. Corporation
6. Expedited Review: (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No., Product Name

Section - II

Amendment - Explain below.
Resubmission in response to Agency letter dated
Notification - Explain below.
Final printed labels in response to Agency letter dated
'Me Too' Application.
Other - Explain below.
NOTIFICATION MAY 09 2014

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
NOTIFICATION: Changing the title of the attached supplemental label for potato from "Valor Herbicide Use on Potato with Chemigation" to "Valor Herbicide Use on Potato including Chemigation".

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic (checked), Glass, Paper, Other
3. Location of Net Contents Information: Label (checked), Container
4. Size(s) Retail Container
5. Location of Label Directions: On Labeling (checked)
6. Manner in Which Label is Affixed to Product: Lithograph Paper glued (checked), Stenciled, Other

Section - IV

1. Contact Point: Name: Linda Obrestad, Title: Regulatory Analyst, Telephone No.: 925-256-2791
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature: Linda Obrestad
3. Title: Regulatory Analyst
4. Typed Name: Linda Obrestad
5. Date: May 1, 2014
6. Date Application Received (Stamped)

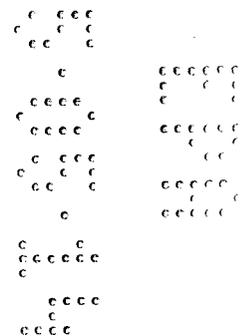
Valent U.S.A. Corporation
1600 Riviera Ave. Suite 200
P. O. Box 8025
Walnut Creek, CA 94596-8025



3/6

May 1, 2014

Valor® Herbicide
EPA Reg. No. 59639-99
NOTIFICATION



Ms. Kathryn V. Montague, Product Manager 23
Herbicide Branch, Registration Division (7505P)
Document Processing Desk (NOTIF)
U.S. Environmental Protection Agency
Room S4900 – One Potomac Yard
2777 S. Crystal Drive
Arlington, Virginia 22202

Dear Ms. Montague:

Valent U.S.A. Corporation is respectfully submitting this label Notification to inform the agency of a change to our product label for Valor® Herbicide (EPA Reg. No. 59639-99) as follows:

A change to the title of the attached supplemental label for use on Potato. Title currently reads "Valor Herbicide Use on Potato **with** Chemigation" changing title to read as follows "Valor Herbicide Use on Potato **including** Chemigation" bolded word is the change.

I have enclosed the following documents to support this Notification submission:
Pesticide Application (Form 8570-1)
Certification Statement consistent with the provisions of PR-Notice 98-10
One (1) copy of proposed label with redline additions/strike through
One (1) copy of proposed label (clean).

If you should have any questions please contact me at (925) 256-2791 or email: linda.obrestad@valent.com or Robert Hamilton, 202-872-4682, robert.hamilton@valent.com

Sincerely,

Linda Obrestad
Regulatory Analyst
Registration and Regulatory Affairs

Enclosures

Supplemental Label



NOTIFICATION

VALOR[®] Herbicide EPA Reg. No. 59639-99

MAY 09 2014

(For Use Only in Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Maryland, Minnesota, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Oregon, South Dakota, Texas, Utah, Virginia, Washington, Washington DC and Wyoming)

This supplemental label expires on June 30, 2017 and must not be used or distributed after this date.

VALOR[®] HERBICIDE USE IN POTATO WITHINCLUDING CHEMIGATION

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR VALOR HERBICIDE BEFORE APPLYING. USE OF VALOR HERBICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR VALOR HERBICIDE.

RESTRICTIONS AND LIMITATIONS

- Do not apply more than 1.5 oz of *Valor* Herbicide per acre during a single application.
- Do not apply more than 1.5 oz of *Valor* Herbicide per acre during a single growing season.
- Do not apply to Rill (furrow) irrigated potatoes.

Many weather related factors, including high wind, splashing or heavy rains or cool conditions at or near potato emergence, may result in potato injury in fields treated with *Valor* Herbicide. On occasion this has resulted in a delay in maturity. User should assume these risks before using *Valor* Herbicide.

TIMING TO POTATOES

Valor Herbicide may be applied to potatoes after hilling for the preemergence suppression of the weeds listed in Table A, Weeds Suppressed by Residual Activity of *Valor* Herbicide at 1.5 oz/A. Tank mix *Valor* Herbicide with other labeled herbicides for broad spectrum weed control. A minimum of 2 inches of settled soil must cover the vegetative portion of the potato plant at the time of *Valor* Herbicide application. Application to potatoes with less than 2 inches of soil covering the vegetative portion of the potato may result in crop injury. In areas with historically higher amounts of rainfall during the time of preemergence herbicide applications, such as the Red River Valley, Minnesota and North Dakota, the requirement for 2 inches of settled soil is critical to avoid crop injury. Mechanical incorporation of *Valor* Herbicide will result in decreased weed control and should be avoided. In areas with sprinkler irrigation, *Valor* Herbicide should be incorporated with 0.25 to 0.75 inches of irrigation, after application and before any sprouts are within 2 inches of the settled soil surface if a rainfall event has not yet occurred.

TIMING TO WEEDS

Preemergence – Soil Covered Potatoes, Preemergence to Weeds

Apply *Valor* Herbicide to soil covered potatoes for the preemergence suppression of the weeds listed in Table A. Harrowing, cultivation or corrugating after *Valor* Herbicide application will reduce weed control.

Read tank mix product label for rates and weeds controlled. Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed.

CHEMIGATION

Valor Herbicide may be applied through sprinkler irrigation systems in potatoes. Follow all label recommendations for this crop regarding rates, timing of application, special instructions and precautions.

Apply this product only through center pivot systems. End guns must be turned off due to uneven application. Do not apply this product through any other type of irrigation system.

Crop injury, lack of efficacy or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

The system must be properly calibrated (with water only) to ensure that the amount of *Valor* Herbicide applied corresponds to the recommended rate.

Apply *Valor* Herbicide in 1/2 to 3/4 inches of water during the first sprinkler set. Allow time for all lines to flush the herbicide through all nozzles before turning off irrigation water. To ensure the lines are flushed and free of remaining herbicide, a dye indicator may be injected into the lines to mark the end of the application period. Once chemigation has begun, the run must be completed to ensure no product is left in the system.

If you have any questions about calibration, you should contact your State Extension Service Specialist, equipment manufacturers or other experts.

Special Precautions for Chemigation

1. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
2. A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
3. The system must be free of leaks and clogged nozzles.
4. The pesticide must be supplied continuously for the duration of the aqueous application. An uneven application may cause injury to the crop or poor weed control.
5. Agitation must be maintained in the nurse tank.
6. The sprinkler chemigation system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
7. The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
8. The pesticide injection pipeline must contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
9. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in the case where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
10. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
11. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with the pesticides and capable of being fitted with a system interlock.
12. Do not apply when wind speed favors drift beyond the area intended for treatment.

Chemigation Systems Connected to Public Water Systems

1. Public water system means a system for the provision to the public of piped water for human consumption, if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to the public water system must contain a functional, reduced pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

6/6

3. All chemigation systems connected to the public water system must also follow restrictions listed in the preceding section titled "Special Precautions for Chemigation".

Table A. Weeds Suppressed by Residual Activity of Valor Herbicide at 1.5 oz/A

COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	VALOR HERBICIDE RATE
Lambsquarters, Common	<i>Chenopodium album</i>	Up to 5%	1.5 oz/A
Mustard, Wild	<i>Brassica kaber</i>		
Nightshades			
Black	<i>Solanum nigrum</i>		
Eastern Black	<i>Solanum ptycanthum</i>		
Hairy	<i>Solanum sarrachoides</i>		
Palmer Amaranth	<i>Amaranthus palmeri</i>		
Pigweeds			
Redroot	<i>Amaranthus retroflexus</i>		
Smooth	<i>Amaranthus hybridus</i>		
Spiny Amaranth	<i>Amaranthus spinosus</i>		
Tumble	<i>Amaranthus albus</i>		
Radish, Wild	<i>Raphanus raphanistrum</i>		

PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.

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Valor is a registered trademark of Valent U.S.A. Corporation

Manufactured for:
Valent U.S.A. Corporation
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Walnut Creek, CA 94596-8025
www.valent.com

Made in U.S.A.